

Appl. Serial No. 10/688,489
Amendment dated October 28, 2005
Reply to Office Action of May 4, 2005

AMENDMENTS TO THE CLAIMS

Please amend the above-captioned Application in accordance with the following Listing of Claims. This Listing will replace all prior versions, and Listings, of claims in the Application.

Listing of Claims:

1-17 (Canceled)

18. (Currently Amended) A kit for amplifying a target nucleic acid sequence that may be present in a biological sample, comprising:

a first primer that comprises a 3' terminal target-complementary sequence and optionally a first primer upstream sequence that is not complementary to said target nucleic acid sequence that is to be amplified, said 3' terminal target-complementary sequence of said first primer comprising 22 contiguous bases contained within ~~SEQ ID NO:73~~ SEQ ID NO:74, allowing for the presence of RNA and DNA equivalents ; ~~nucleotide analogs and up to 10% base differences~~; and

a second primer that comprises a 3' terminal target-complementary sequence and optionally a second primer upstream sequence that is not complementary to said target nucleic acid sequence that is to be amplified, said 3' terminal target-complementary sequence of said second primer comprising 18 contiguous bases contained within SEQ ID NO:59, allowing for the presence of RNA and DNA equivalents ; ~~nucleotide analogs and up to 10% base differences~~.

19. (Original) The kit of Claim 18, wherein said first primer and said second primer are each up to 60 bases in length.

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20. (Original) The kit of Claim 18, wherein said 3' terminal target-complementary sequence of said first primer and said 3' terminal target-complementary sequence of said second primer are each up to 35 bases in length.

21. (Original) The kit of Claim 20, wherein said 3' terminal target-complementary sequence of said first primer is up to 24 bases in length.

22. (Original) The kit of Claim 20, wherein said 3' terminal target-complementary sequence of said second primer is up to 22 bases in length.

23. (Original) The kit of Claim 21, wherein said 3' terminal target-complementary sequence of said second primer is up to 22 bases in length.

24. (Original) The kit of Claim 23, wherein said first primer comprises said first primer upstream sequence.

25. (Original) The kit of Claim 24, wherein said first primer upstream sequence comprises a promoter sequence for T7 RNA polymerase.

26. (Original) The kit of Claim 23, wherein said 3' terminal target-complementary sequence of said first primer is selected from the group consisting of SEQ ID NO:75, SEQ ID NO:76 and SEQ ID NO:77, and wherein said 3' terminal target-complementary sequence of said second primer is selected from the group consisting of SEQ ID NO:60, SEQ ID NO:62, SEQ ID NO:63, SEQ ID NO:64, SEQ ID NO:65, SEQ ID NO:66, SEQ ID NO:67, SEQ ID NO:68, SEQ ID NO:69, SEQ ID NO:70 and SEQ ID NO:71.

27-28 (Canceled)

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29. (Currently Amended) The kit of ~~Claim 27~~ Claim 21, wherein said first primer comprises said first primer upstream sequence.

30. (Original) The kit of Claim 29, wherein said first primer upstream sequence comprises a promoter sequence for T7 RNA polymerase.

31-82 (Canceled)